

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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S16	3	S1 AND S15	US-PGPUB; USPAT	OR	ON	2007/09/23 07:34
S21	14	S1 AND S20	US-PGPUB; USPAT	OR	ON	2007/09/23 07:35

S20	245	<p> ("2002/0088947" "2004/0071951" "2004/0091748" "2004/0211755" "2005/0086795" "2005/0146079" "2005/0164494" "2005/0181239" "2005/0221512" "5530608" "5772905" "6014296" "6309580" "6379570" "6602620" "6689622" "6748865" "6764738" "6814897" "6929762"). URPN. </p>	USPAT	OR	ON	2007/09/23 07:35
S19	0	S1 AND S14	US-PGPUB; USPAT	OR	ON	2007/09/23 07:35
S24	10	S23 not S21	US-PGPUB; USPAT	OR	ON	2007/09/23 07:39
S23	15	S1 and S22	US-PGPUB; USPAT	OR	ON	2007/09/23 07:39
S22	121	<p> ("20020034117" "20020047145" "20020058158" "20020088947" "20020132083" "20020196729" "20030090826" "20030102444" "20030179477" "20030199167" "20030206434" "20040014245" "20040071951" "20040091748" "20040188732" "20040191577" "20040211755" "20050086795" "20050146079" "20050164494" "20050181239" "20050221512" "20050243467" "20050284842" "4052711" "4095008" "5138687" "5317468" "5530608" "5568331" "5587223" "5590009" </p>	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/23 07:39

"5604013"		
"5619480" "5640343"		
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"6205053"		
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"6303277" "6309580"		
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"6713802"		
"6723598" "6727105"		
"6734079"		
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"6898031"		
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"2004/0191577"		
"2005/0086795"		
"2005/0118817"		
"2005/0175791"		
"2005/0185561"		
"2005/0186356"		
"2005/0186357"		
"2005/0191526"		
"2005/0213239"		
"2005/0214583"		
"2005/0221512"		
"2005/0284842"		

		<p>"6324032" "6689622" "6748865" "6806096" "6884630" "6977108" "6984529" "7050326" "7214624" "7230795" "7247251"). URPN.</p>				
S27	22	S26 not S25	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 07:46
S26	33	etch\$4 same (magnet\$6 recording) and ((multilayer\$4 first second top bottom sub) same mask\$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 07:46
S25	11	etch\$4 with (magnet\$6 recording) and ((multilayer\$4 first second top bottom sub) with mask\$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/23 07:46
S29	30	S2 and S28	US-PGPUB; USPAT	OR	ON	2007/09/23 07:54
S28	17116	etch\$4 and (magnet\$8 recording) and ((multilayer\$4 first second top bottom sub) and mask\$4) and (plasma RIE reactive adj ion ion adj beam) and (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	US-PGPUB; USPAT	OR	ON	2007/09/23 07:54

S30	28	(US-20050284842-\$ or US-20050214583-\$ or US-20050213239-\$ or US-20050191526-\$ or US-20050186357-\$ or US-20050186356-\$ or US-20050185561-\$ or US-20050175791-\$ or US-20050118817-\$ or US-20050221512-\$ or US-20050086795-\$ or US-20040191577-\$ or US-20050287397-\$ or US-20050243467-\$). did. or (US-7247251-\$ or US-7214624-\$ or US-7230795-\$ or US-6748865-\$ or US-6689622-\$ or US-7050326-\$ or US-6984529-\$ or US-6977108-\$ or US-6884630-\$ or US-6324032-\$ or US-6806096-\$ or US-6348405-\$). did. or (JP-2001185531-\$ or JP-06020230-\$). did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/23 07:59
S31	8	etch\$4 NEAR magnetic \$4 and (DLC diamond) near (mask\$4 protect \$4)	US-PGPUB; USPAT	OR	ON	2007/09/24 09:01
S32	217	etch\$4 and ((multilayer \$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:14
S33	11881	etch\$4 and ((multilayer \$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and (plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	US-PGPUB; USPAT	OR	ON	2007/09/26 13:16

S34	994	etch\$4 and ((multilayer \$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and ((plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3") and (DLC carbon) with mask\$4	US-PGPUB; USPAT	OR	ON	2007/09/26 13:17
S36	1	("6014296").PN.	US-PGPUB; USPAT	OR	ON	2007/09/26 13:50
S38	14	(US-20050221512-\$ or US-20040191577-\$). did. or (US-7050326-\$ or US-6348405-\$ or US-6984529-\$ or US-6884630-\$ or US-6748865-\$ or US-6324032-\$ or US-7230795-\$ or US-6806096-\$ or US-6977108-\$ or US-6689622-\$).did. or (JP-2001185531-\$ or JP-06020230-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/26 14:21
S1	1538	etch\$4 with (magnet\$8 recording) and ((multilayer\$4 first second top bottom sub) with mask\$4) and ((plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3")	US-PGPUB; USPAT	OR	ON	2007/09/26 14:21
S35	96	etch\$4 and ((multilayer \$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and ((plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3") and (DLC carbon) near mask\$4	US-PGPUB; USPAT	OR	ON	2007/09/26 14:22

S39	3	S38 and ((multilayer\$4 bilayer\$4 (first and second) (top and bottom) sub) with mask \$4) and ((plasma RIE reactive adj ion ion adj beam) same (oxygen ozone O2 O3 "O.sub.2" "O.sub.3") and (DLC carbon))	US-PGPUB; USPAT	OR	ON	2007/09/26 14:23
S37	28	(US-20050284842-\$ or US-20050243467-\$ or US-20050191526-\$ or US-20050186357-\$ or US-20050185561-\$ or US-20050175791-\$ or US-20050118817-\$ or US-20050086795-\$ or US-20050221512-\$ or US-20040191577-\$ or US-20050287397-\$ or US-20050214583-\$ or US-20050213239-\$ or US-20050186356-\$). did. or (US-7247251-\$ or US-7214624-\$ or US-7050326-\$ or US-6348405-\$ or US-6984529-\$ or US-6884630-\$ or US-6748865-\$ or US-6324032-\$ or US-7230795-\$ or US-6806096-\$ or US-6977108-\$ or US-6689622-\$). did. or (JP-2001185531-\$ or JP-06020230-\$). did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/30 02:22
S43	54	S40 S41 S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/30 02:24

S42	41	(US-20050175791-\$ or US-20040191577-\$ or US-20050118817-\$ or US-20050185561-\$ or US-20050086795-\$ or US-20050213239-\$ or US-20050214583-\$ or US-20050243467-\$ or US-20050284842-\$ or US-20050186356-\$ or US-20050186357-\$ or US-20050191526-\$ or US-20030164354-\$ or US-20040016918-\$ or US-20040224512-\$ or US-20040229470-\$ or US-20040259355-\$ or US-20050112506-\$ or US-20050157376-\$ or US-20050181604-\$ or US-20060046200-\$ or US-20060065286-\$ or US-20060263699-\$ or US-20070161251-\$). did. or (US-7214624-\$ or US-7230795-\$ or US-5302240-\$ or US-6383907-\$ or US-5910864-\$ or US-5240554-\$ or US-6875664-\$ or US-6884733-\$ or US-6939794-\$ or US-6949203-\$ or US-6989332-\$ or US-7253118-\$ or US-5378316-\$ or US-5445710-\$ or US-5789320-\$ or US-5991118-\$). did. or (JP-2001185531-\$). did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/30 02:24
S41	15	(US-20050175791-\$ or US-20040191577-\$ or US-20050118817-\$ or US-20050185561-\$ or US-20050086795-\$ or US-20050213239-\$ or US-20050214583-\$ or US-20050243467-\$ or US-20050284842-\$ or US-20050186356-\$ or US-20050186357-\$ or US-20050191526-\$).	US-PGPUB; USPAT; JPO	OR	ON	2007/09/30 02:24

		did. or (US-7214624-\$ or US-7230795-\$).did. or (JP-2001185531-\$).did.				
S40	28	(US-20050287397-\$ or US-20050175791-\$ or US-20040191577-\$ or US-20050118817-\$ or US-20050185561-\$ or US-20050086795-\$ or US-20050213239-\$ or US-20050214583-\$ or US-20050221512-\$ or US-20050243467-\$ or US-20050284842-\$ or US-20050186356-\$ or US-20050186357-\$ or US-20050191526-\$). did. or (US-6806096-\$ or US-6884630-\$ or US-6984529-\$ or US-6689622-\$ or US-7214624-\$ or US-7230795-\$ or US-7247251-\$ or US-6348405-\$ or US-7050326-\$ or US-6977108-\$ or US-6748865-\$ or US-6324032-\$).did. or (JP-06020230-\$ or JP-2001185531-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/09/30 02:24
S44	23	etch\$4 and (DLC diamond carbon) near (mask\$4 protect\$4) and (Ni Ta Ti Si TaSi nickle tantalum titanium) near mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/28 22:47
S45	4	etch\$4 and (DLC diamond carbon) near (mask\$4 protect\$4) same (Ni Ta Ti Si TaSi nickle tantalum titanium) near mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/28 22:48
S46	19	S44 not S45	US-PGPUB; USPAT	OR	ON	2008/05/28 22:50

S47	13	("5260151" "5466904" "5866913" "5953492" "6051346" "6428937").PN. OR ("2005/0157376" "6812473").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/29 00:03
S50	0	S47 and (DLC diamond carbon) with (mask\$4 protect\$4) and (Ni Ta Ti Si TaSi nickle tantalum titanium) with mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:04
S49	0	S47 and (DLC diamond carbon) near (mask\$4 protect\$4) and (Ni Ta Ti Si TaSi nickle tantalum titanium) with mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:04
S48	0	S47 and (DLC diamond carbon) near (mask\$4 protect\$4) and (Ni Ta Ti Si TaSi nickle tantalum titanium) near mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:04
S52	2	S47 and (DLC diamond carbon Ni Ta Ti Si TaSi nickle tantalum titanium) same mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:05
S51	0	S47 and (DLC diamond carbon Ni Ta Ti Si TaSi nickle tantalum titanium) with mask\$4	US-PGPUB; USPAT	OR	ON	2008/05/29 00:05
L9	63	((MITSURU) near2 TAKAI)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
L8	16	((MIKI HARU) near2 (HIBI)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
L7	93	((KAZUHIRO) near2 (HATTORI)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
L6	41	((SHUICHI) near2 (OKAWA)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/30 18:35
L11	2	6 7 8 9	US-PGPUB; USPAT; USOCR	AND	ON	2008/05/30 18:36
L10	130	6 7 8 9	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 18:36
L15	0	carbon near content same negative near resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:19
L14	0	carbon near content with negative near resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:19

L13	0	carbon near content with negative adj resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:19
L12	0	carbon adj content with negative adj resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:19
L17	2	carbon with content same negative with resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:20
L16	0	carbon with content same negative near resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/30 20:20
L18	2	("5853953").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/30 20:39

5/30/08 11:13:40 PM

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